



COMMONWEALTH of VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CENTRAL LABORATORY
A Nationally Accredited Laboratory

700 NORTH 5TH STREET
RICHMOND, VIRGINIA 23219
(804) 786-6971

CERTIFICATE OF INSTRUMENT ACCURACY

INSTRUMENT: Intox EC/IR II
SERIAL NUMBER: 010562
CERTIFICATION DATE: December 18, 2013
DATE RECERTIFICATION DUE: June 16, 2014

The above listed instrument was found to meet all requirements for accuracy and performance established by the Department of Forensic Science. This certification is valid from the above listed certification date until the above listed date for recertification.

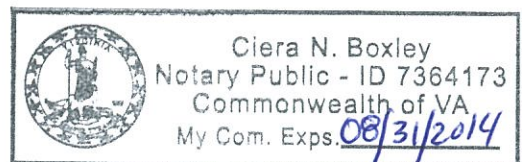
Timmy L. Neece, Jr.
Forensic Scientist

CITY OF RICHMOND
COMMONWEALTH OF VIRGINIA

The foregoing was acknowledged before me this 30th day of
December, 2013 by Timmy L. Neece, Jr.

Ciera N. Boxley, Notary Public

My commission expires: August 31, 2014



msu

DBH
TCL

**Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 12/19/2013**

Instrument Serial Number: 010562

As of 19-Dec-13

Maintenance Date	Certification Date	Technician Initials	Remarks
18-Dec-13	18-Dec-13	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
09-Jul-13	09-Jul-13	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
05-Feb-13	05-Feb-13	HMS (18910)	CERTIFIED
24-Oct-12	24-Oct-12	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED.
17-Sep-12	17-Sep-12	DBH (21250)	REPLACED REGULATOR, CALIBRATED AND CERTIFIED.
02-Nov-11	02-Nov-11	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD
24-May-11	24-May-11	RJP (22428)	REPLACED DRY GAS STANDARD. CERTIFIED.
07-Dec-10	07-Dec-10	RJP (22428)	REPLACED DRY GAS STANDARD. CERTIFIED
22-Jun-10	22-Jun-10	RJP (22428)	CERTIFIED.
06-Jan-10	06-Jan-10	RJP (22428)	REPLACED DRY GAS STANDARD. CERTIFIED
23-Jul-09	23-Jul-09	RJP (22428)	CERTIFIED.
12-Mar-09	12-Mar-09	RJP (22428)	CERTIFIED.
05-Mar-09	05-Mar-09	NMJ (22392)	FIRMWARE/SOFTWARE UPGRADE, CERTIFIED.
25-Dec-08	25-Dec-08	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

DBH
TLV

INTOX EC/IR II **Quality Assurance Worksheet**

Instrument Serial Number **010562** Worksheet Start Date **12/18/2013**

Location **New River Valley Regional Jail**

Address **108 Baker Rd Dublin VA 24060**

DFS Technician **Donald Hall** License No. **21250**

☐ Laboratory

☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) **708** Reference Barometer (mm HG) **711**

Reference Barometer(RB)Serial # **009109** RB Calibration Due **8/1/2014**

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.281
0.300	0.280	0.271	0.288	Sample 2	0.281
Precision		sample min	sample max	Sample 3	0.281
0		0.281	0.281		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.094
0.100	0.093	0.090	0.096	Sample 2	0.094
Precision		sample min	sample max	Sample 3	0.094
0		0.094	0.094		

Dry gas standard Lot No. (with tank no.) **AG227501-09**

☒ Replaced dry gas standard (+O-ring)

☐ Installed at Location

☐ Removed to DFS-Central

Supplies

Mouthpieces

Certificates of Analysis

Operator Worksheet

Other:

50

50

50

Notes:

Instrument Serial Number

010562

Certification Date

12/18/2013

☐ Calibrated☒ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.230
0.250	0.233	0.226	0.239	Sample 2	0.230
Precision		sample min	sample max	Sample 3	0.229
0.001		0.229	0.230		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.139
0.150	0.140	0.135	0.144	Sample 2	0.139
Precision		sample min	sample max	Sample 3	0.139
0		0.139	0.139		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.074
0.080	0.075	0.072	0.078	Sample 2	0.074
Precision		sample min	sample max	Sample 3	0.075
0.001		0.074	0.075		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.018
0.020	0.019	0.016	0.022	Sample 2	0.018
Precision		sample min	sample max	Sample 3	0.018
0		0.018	0.018		

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician



Date

12/19/13

Issuing Analyst


max

Date

12/20/13

Intox EC/IR-II: Certification

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TLN

Department of Forensic Science

Serial Number: 010562 Test Number: 542
Test Date: 12/18/2013 Test Time: 11:59 EST

Technician Initials: DBH

Dry Gas Target: 0.233

Lot Number: 2961225012-09 Exp Date: 11/01/2014

Tank Pressure: 708 psi Barometric Pressure: 708 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	12:00
BLK	0.000	12:00
CHK	0.230	12:01
BLK	0.000	12:03
CHK	0.230	12:03
BLK	0.000	12:05
CHK	0.229	12:06
BLK	0.000	12:07

Success

Standard Value (at sea level): 0.250 g/210L

Certification Status: Continued

DBH
TLN

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010562 Test Number: 543
Test Date: 12/18/2013 Test Time: 12:10 EST

Technician Initials: DBH

Dry Gas Target: 0.140

Lot Number: 2951215012-03 Exp Date: 11/01/2014

Tank Pressure: 360 psi Barometric Pressure: 708 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	12:10
BLK	0.000	12:11
CHK	0.139	12:12
BLK	0.000	12:13
CHK	0.139	12:14
BLK	0.000	12:15
CHK	0.139	12:16
BLK	0.000	12:17

Success

Standard Value (at sea level): 0.150 g/210L

Certification Status: Continued

DBH
TLN

Intox EC/1R-II: Certification

Department of Forensic Science

Serial Number: 010562 Test Number: 544
Test Date: 12/18/2013 Test Time: 12:20 EST

Technician Initials: DBH

Dry Gas Target: 0.075

Lot Number: 0771308012-01 Exp Date: 05/01/2015

Tank Pressure: 928 psi Barometric Pressure: 708 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	12:20
BLK	0.000	12:21
CHK	0.074	12:22
BLK	0.000	12:23
CHK	0.074	12:24
BLK	0.000	12:25
CHK	0.075	12:26
BLK	0.000	12:27

Success

Standard Value (at sea level): 0.080 g/210L

Certification Status: Continued

DBH
Trn

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010562 Test Number: 545
Test Date: 12/18/2013 Test Time: 12:29 EST

Technician Initials: DBH

Dry Gas Target: 0.019

Lot Number: 0651202011-05 Exp Date: 04/01/2014

Tank Pressure: 61 psi Barometric Pressure: 708 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	12:30
BLK	0.000	12:31
CHK	0.018	12:31
BLK	0.000	12:33
CHK	0.018	12:33
BLK	0.000	12:35
CHK	0.018	12:35
BLK	0.000	12:37

Success

Standard Value (at sea level): 0.020 g/210L

Certification Status: Success

Intox EC/IR-II: Accuracy Check

DBH
TLV

Department of Forensic Science

Serial Number: 010562 Test Number: 546

Test Date: 12/18/2013 Test Time: 12:39 EST

Dry Gas Target: 0.280

Lot Number: AG322702-07 Exp Date: 08/15/2015

Tank Pressure: 291 psi Barometric Pressure: 708 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	12:40
CHK	0.281	12:41
BLK	0.000	12:43
CHK	0.281	12:44
BLK	0.000	12:45
CHK	0.281	12:46

Test Status: *Success*

Calibration CRC: CE6A8082

Intox EC/IR-II: Accuracy Check

DBH
TL✓

Department of Forensic Science

Serial Number: 010562 Test Number: 547

Test Date: 12/18/2013 Test Time: 12:49 EST

Dry Gas Target: 0.093

Lot Number: AG227501-09 Exp Date: 10/01/2014

Tank Pressure: 291 psi Barometric Pressure: 708 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	12:49
CHK	0.094	12:50
BLK	0.000	12:52
CHK	0.094	12:53
BLK	0.000	12:54
CHK	0.094	12:55

Test Status: Success

Calibration CRC: CE6A8082

DBH
TLW



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY HALL, DONALD, B		AGENCY DFS Central Lab
DFS LICENSE NUMBER 21250	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 12/18/2013
TEST EQUIPMENT NUMBER 010562		

RESULTS: TIME SAMPLE TAKEN 13:03 EST
SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:
I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20 _____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE

FOR COURT



IntoxNet MIS Report

Report Generated 19 Dec 2013 at 09:09

DBH
TLN

Test Results

Instrument Serial Number 010562

Test # 000548 Subject Test

Test Location 1 Department of
Test Date 18 Dec 2013

Test Location 2 Forensic Science
Test Time 12:57
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name HALL
Agency DFS Central Lab

Operator's First Name DONALD

Operator's Middle Initial B
License Number 21250

Card Serial Number 121250

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 18 Dec 2013 End Time 13:04

Result Time 13:03

Result Date 18 Dec 2013 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 12:57

Data Type BLK

Sample Value 0.000

Sample Time 12:58

Data Type CHK

Sample Value 0.094

Sample Time 12:59

Data Type BLK

Sample Value 0.000

Sample Time 13:00

Data Type SUBJ

Sample Value 0.000

Sample Time 13:01

Data Type BLK

Sample Value 0.000

Sample Time 13:02

Data Type SUBJ

Sample Value 0.000

Sample Time 13:03

Data Type BLK

Sample Value 0.000

Sample Time 13:04

Standard Type Dry Gas Std

Standard Value 0.093

Standard Lot Number AG227501-09

Standard Expiration Date 10/01/2014

Tank Pressure 276

Barometric Pressure 708 mmHg

Blow Sample Number 1 Blow Duration 3.59 sec

Blow Volume 1844 cc End-of-Blow Time 13:01

Blow Sample Number 2 Blow Duration 3.61 sec

Blow Volume 1932 cc End-of-Blow Time 13:03

Tamper Evident Stamp 52b9d08d

Test Status Code 0

Test Status Success